

A large sea turtle, likely a hawksbill, is swimming towards the right in clear, blue water. The turtle's shell is dark with light-colored, mottled patterns. Its flippers are also visible, showing a similar pattern. Below the turtle, a vibrant coral reef is visible, with various colors of coral and sponges. The overall scene is bright and clear, suggesting a healthy marine environment.

# The Villages Scuba Club

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# Regulator Configurations

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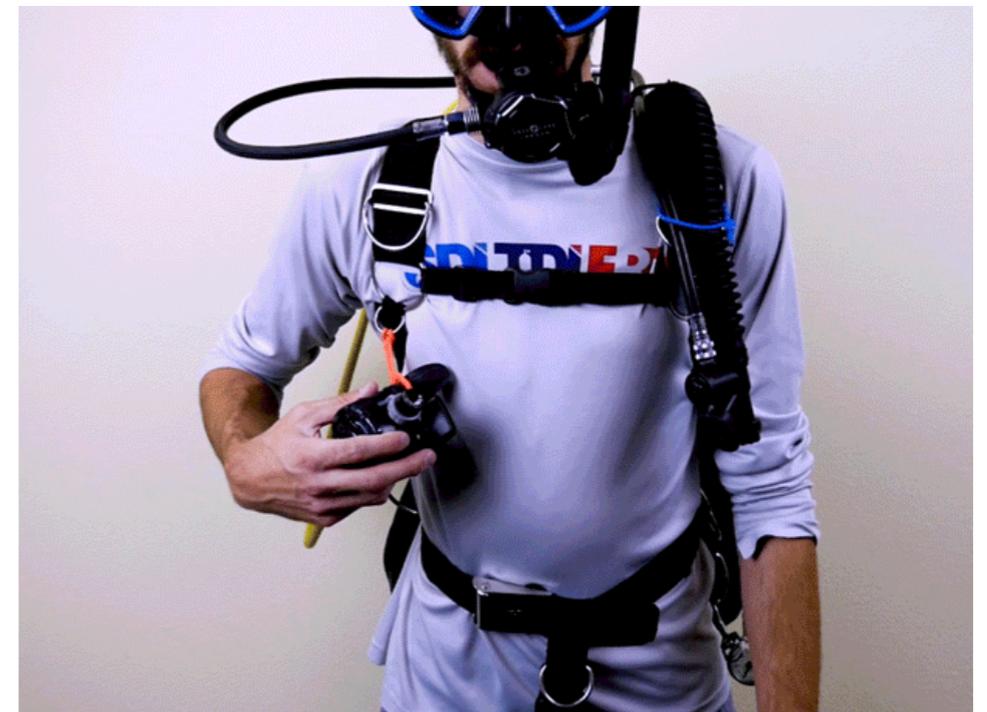
# Regulator Configurations

- Octopus
- Integrated Power Inflator/2nd Stage
- Long Hose

Primary difference is method of donation in  
out of air situations

# Octopus Configuration

- Standard recreational configuration.
- Alternative regulator is your donate.
- Hose should be long enough to keep diver away from you. Typical is 40”
- Octopus regulator is often lower priced.
- Cons -
  - Octopus is unused during dive, tends to dangle, may be hard to find, hopefully is working.
  - Typically unbalanced, breathing effort varies based on depth and tank pressure.
  - Out-of-air diver typically grabs regulator out of diver’s mouth.



# Integrated Power Inflator/2nd Stage



- Combines octopus with your BCD's inflator.
- Reduces hose count by eliminating octopus hose.
- Primary regulator is your donate.
- Primary regulator hose should be long enough to donate and keep out-of-air diver away from you.
- Cons -
  - Method of donate is different than typical OW training.
  - Corrugated hose may be uncomfortable when breathing off of Air2.
  - Dumping of air requires use of shoulder dump valves when breathing off of Air2.



# Long Hose Configuration

- Recreational version of technical configuration.
  - AKA Advanced OW or Streamlined
- Primary regulator is your donate.
- Primary regulator hose is typically 40-60” long.
- Alternate regulator is a shorter hose (20”) and is on necklace.
- Cons -
  - Longer primary hose management.
  - Method of donate is different than typical OW training.



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# Take aways on Regulator Configurations.

- Primary difference is method of donation in out of air situations -
  - Know your regulator configuration.
  - Know your dive buddy's regulator configuration.
  - Discuss out of air procedures.
- Some equipment suggestions -
  - Regardless of setup, don't have primary regulator on a necklace, unless it can break away.
  - Your donate regulator should have enough hose length to keep an out-of-air diver away from you. Typical, off-the-shelf regulators come with a 28-30" hose.

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# Comments? Questions?

*"Safety doesn't happen by accident."  
— Jerry Smith*